# MC3200 Series

## EMC Configuration and Accessories Guide

*Designed to assist customers and partners with model and configuration guidance*

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# MC3200
## Configuration Guide

# MC3200 Series

- **CONFIGURATION AND ACCESSORY GUIDES** are available on Insite and PartnerCentral
- For more information visit: www.motorolasolutions.com/mc3200
- All MC3200 configurations are compatible and backward compatible with all existing accessories including: Cradles, Holsters and Cables.

Find Product Information in the **EMC Product Portfolio** on Insite and Partner Central

## Partner Central

MC3200 Third party accessories:

- www.atpinc.com
- www.portsmith.com

# MC3200 Configuration Matrix

| CONFIGURATION OPTIONS: | MC31XX | OPTION | DESCRIPTION |
|---|---|---|---|
| Radio Option | MC32**N**x-xxxxxxxxx | N | WLAN 802.11 a/b/g/n |
| WAN | MC32x**0**-xxxxxxxxx | 0 | None |
| Form Factor | MC32xx-**R**xxxxxxxx | R | Rotating (Turret) Head |
| | MC32xx-**S**xxxxxxxx | S | Straight Shooter |
| | MC32xx-**G**xxxxxxxx | G | Gun |
| Data Capture options (Scanner) | MC32xx-x**L**xxxxxxx | L | SE965 1D Standard Range Scan Engine |
| | MC32xx-x**I**xxxxxxx | I | SE4750 Standard Range Array Imager |
| | MC32xx-x**D**xxxxxxx | D | SE4750 DPM |
| | MC32xx-x**F**xxxxxxx | F | SE4750 Medium Range |
| Keyboard Options | MC32xx-xx**2**xxxxxx | 2 | 28 Key Numeric Keypad |
| | MC32xx-xx**3**xxxxxx | 3 | 38 Key Shifted Alpha Keypad |
| | MC32xx-xx**4**xxxxxx | 4 | 48 Key Alpha Numeric Keypad |
| Battery Options | MC32xx-**R**xx**S**xxxxx | S | Standard capacity 2740mAH (only with Rotating Head) |
| | MC32xx-xxx**H**xxxxx | H | High capacity 4800mAH |
| Operating System options | MC32xx-xxxx**C**xxxx | C | Microsoft Windows CE 7.0 |
| | MC32xx-xxxx**H**xxxx | A | Android 4.1 Jelly Bean with Mx (only in Premium Model) |
| Memory Options | MC32xx-xxxxx**L**xxx | L | 512 MB RAM / 2 GB Flash (Standard Model) |
| | MC32xx-xxxxx**H**xxx | H | 1 GB RAM / 4 GB Flash (Premium Model only) |
| Operating System Language | MC32xx-xxxxxx**X**xx | E,C,J,K | English, Simplified Chinese, Japanese, Korean |
| Additional Features | MC32xx-xxxxxxx**0**x | 0 | None |
| | MC32xx-xxxxxxx**I**x | I | Interactive Sensing Technology (IST) (Only in Premium Models) |
| Country or Custom Code | MC32x-xxxxxxxx**A** | A | World Wide ROHS |
| | MC32xx-xxxxxxx**TN** | TN | Tunisia |

# MC3200
## Configurations available

## MC3200 Variants

### Standard

**Operating System**
- Windows CE 7.0

**Memory**
- 512 MB RAM / 2 GB Flash

**Form Factors**
- Straight Shooter
- Rotating Head (Turret)
- Gun

### Premium

**Operating System**
- Windows CE 7.0
- Android 4.1 Jelly Bean with Mx

**Memory**
- 1 GB RAM / 4 GB Flash

**Form Factors**
- Straight Shooter
- Rotating Head (Turret)
- Gun

**Added features**
- Interactive Sensor Technology (IST)

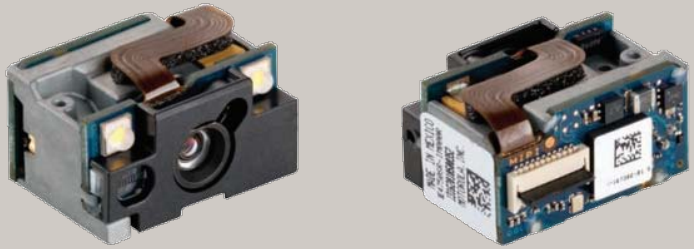
# MC3200

## Data capture methods

### Data capture options

| Scan Engines | |
|---|---|
| **SE965** | 1D Standard Range Scan Engine |
| **SE4750** | 1D/2D Standard Range Array Imager |

**SE965**
1D Standard Range Scan Engine



**SE4750**
Standard Range Array Imager

# MC3200
## Keypads

### Keypad options

**28 Key Numeric Telephony**
Large numeric keys
10 Shifted function keys
Alpha characters by SMS style

**38 Key Shifted Alpha**
Calculator style numeric
10 Direct function keys
Shifted Alpha

**48 Key Alpha-Numeric**
Full alpha-numeric keypad
13 Shifted function keys

# MC3200
## Operating systems

### Operating System options

Android 4.1 Jelly Bean

Microsoft Windows
Embedded Compact 7.0

### Operating System Configurations

**Android** 4.1 Jelly Bean (Premium)

**Microsoft Windows** Embedded compact 7.0 (Standard or Premium)

OS swap is only supported on Premium CE and Android Configurations. Devices must be sent to a service depot to perform the OS swap.

# MC3200
## Accessories Guide

# Step 1:
## Choose a charging method

### Cradle options

### Single Slot Cradle:

**CRD3000-1001RR** Single slot USB / RS232 Cradle, w/spare battery charging

### Single Slot Cradle Kits:

**CRD-MC32-100INT-01 (INTERNATIONAL)** **Includes:** Single Slot Cradle CRD3000-1001RR , Battery Adapter ADP-MC32-CUP0-01 and Power Supply PWRS-14000-148R. (Must purchase country specific 3 wire AC Cord separately)

**CRD-MC32-100US-01 (US)** **Includes:** Single Slot Cradle CRD3000-1001RR, Battery Adapter ADP-MC32-CUP0-01 , Power Supply PWRS-14000-148R and US AC Cord 23844-00-00R.

The single slot cradle can charge all the MC32 configurations (straight shooter, rotating head and gun), charges a spare battery and has USB connection.

## Additional accessories for single slot cradle

**25-68596-01R**
USB Cable for the cradle to the host system

**25-63852-01R**
Provides serial communication between the single slot cradle and a host computer.

**PWRS-14000-148R**
Power supply for single slot cradle: 100-240 VAC, 12VDC, 4.16A

**23844-00-00R**
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

**25-63856-01R**
Modem adapter cable used to connect the MDM9000-100R to the single slot cradle

**ADP-MC32-CUP0-01**
Battery adapter cup for spare battery charger

# Step 1:
## Choose a charging method

### Cradle options

### 4 Slot Cradles:

**CHS3000-4001CR** 4 Slot Charge Only Cradle

**CRD3X01-4001ER** 4 Slot Ethernet Cradle

### 4 Slot Cradle Kits:

**CRD3000-400CES (US)**
**Includes: 4 Slot Charge Only** Cradle CHS3000-4001CR, Power Supply PWRS-14000-241R, DC Cord 50-16002-029R and US AC Cord 23844-00-00R.

**CRD3000-401CES (INTERNATIONAL)**
**Includes: 4 Slot Charge Only** Cradle CHS3000-4001CR, Power Supply PWRS-14000-241R and DC Cord 50-16002-029R. Order country specific 3 wire AC Cord separately

**CRD3X01-401EES (INTERNATIONAL)**
**Includes:4 Slot Ethernet** Cradle CRD3X01-4001ER, Power Supply PWRS-14000-241R, DC Cord 50-16002-029R. Order country specific 3 wire AC Cord separately.

### Additional accessories for 4 slot cradles

**PWRS-14000-241R**
Power supply for 4 slot cradles:90-264 VAC, 12VDC, 9A

**50-16002-029R**
DC cable provides power from the power supply to 4 slot charge only and Ethernet cradles

**23844-00-00R**
US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

**KT-136648-01R**
Wall mount bracket for 4 slot cradles.

# Step 2:
## Choose battery / battery charging accessories

## Spare battery and battery chargers options

### 2470 mAh Battery

**BTRY-MC32-01-01**

Standard capacity battery, 2470 mAh

Pack of 10 spare batteries is also available: **(BTRY-MC32-01-10)**

### 4800 mAh Battery

**BTRY-MC32-02-01**

High-capacity battery, 4800 mAh

Pack of 10 spare batteries is also available: **(BTRY-MC32-02-10)**

### 4 Slot Battery Charger

**SAC7X00-4000CR**

4 Slot battery charger, for standard and high-capacity batteries.

**SAC-MC32-400US-01**

**US kit.** Includes: 4-slot battery charger SAC7X00-4000CR, battery adapters ADP-MC32-CUP0-04, power supply PWRS-14000-148R and US AC line cord 23844-00-00R.

**SAC-MC32-400INT-01**

**International kit**. Includes: 4-slot battery charger SAC7X00-4000CR, battery adapters ADP-MC32-CUP0-04 and power supply PWRS-14000-148R, must purchase country specific grounded AC line cord separately.

### Accessories for battery charger:

**PWRS-14000-148R**

Power supply for 4-Slot Battery Charger

**23844-00-00R**

US AC line cord, 7.5 feet long, grounded, three wire for power supplies.

**ADP-MC32-CUP0-04**

Battery adapter cup for spare battery charger. (4-pack)

# Step 3:
## Choose charging and communication cables

### Cable options

#### USB/Charge Cable

**25-67868-03R**
USB communication and charge cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

#### RS232/Charge Cable

**25-67866-03R**
RS232 communication and charge cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

#### Power Cable

**25-70103-03R**
Power only cable, must purchase power supply PWRS-14000-249R and un-grounded AC line cord separately.

#### Printer Cable

**25-91513-01R**
Printer cable, to be used with Zebra QL series.

#### Vehicle Charge Cable

**VCA3000-01R**
Auto charge cable (cigarette lighter) 12/24V

# Step 4:
## Choose carrying accessories

### Soft goods for rotating head and straight shooter configurations

#### Fabric Holster

**11-69293-01R**

Fabric holster , includes shoulder strap. It can also be used with a belt. For rotating head and straight shooter configurations.

#### Plastic Holster

**8710-050005-01R**

Plastic holster, secures to a belt. For rotating head and straight shooter configurations.

#### Hand Strap

**SG-MC3123243-01R**

Spare hand strap for rotating head and straight shooter configurations (pkg 1).

**Shoulder strap**
**58-40000-007R**

Universal shoulder strap for holster.

**Belt for holster**
**11-08062-02R**

Universal belt for fabric holster.

#### Protective Boots

**11-70899-04R**

Protective boot for straight shooter configurations.

**BOOTSCANTURRETR**

Protective boot for rotating head configurations. Includes terminal boot (11-72097-04R ) and turret cup (11-72096-04R).

# Step 4:
## Choose carrying accessories

### Soft goods for gun configurations

#### Holster

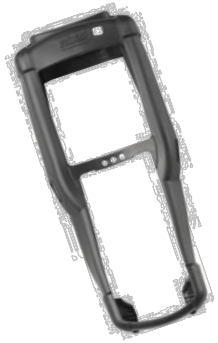
**SG-MC3021212-01R**

Fabric holster, secures to a belt or a shoulder strap. For gun configurations.

**Shoulder strap**
**58-40000-007R**
Universal shoulder strap for holster.

**Belt for holster**
**11-08062-02R**
Universal belt for fabric holster.

#### Protective Boot



**11-72959-04R**

Protective boot for gun both imager and laser configurations.

#### Hand Strap

**SG-MC3123242-01R**

Spare hand strap for gun configurations (pkg 1)

**SG-MC3123342-01R**

Spare hand strap for gun configurations (pkg 5)

# Step 5:
## Choose other accessories

Additional accessories

### Modem Dongle

| | |
|---|---|
| **MDM9000-100R** | Provides modem connectivity through single slot USB Cradle |
| **KT-MC3000SERMODEMR** | Provides modem connectivity through single slot USB Cradle. Includes modem dongle MDM9000-100R and cable connector 25-63856-01R. |

### Audio

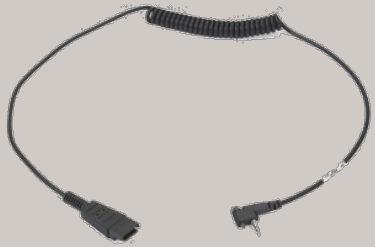
| | |
|---|---|
| **RCH51** | Rugged wired headset designed for use in nearly any environment |
| **25-124411-02R** | RCH51 headset adapter cable to standard 3-pole 2.5mm barrel jack. For MC32XX models |

**MDM9000-100R**
Modem Dongle

For modem connectivity through the cradle order 25-63856-01R

**RCH51**
Rugged Wired Headset

Must purchase headset adapter cable separately, 25-124411-02R



**25-124411-02R**
Adapter cable for RCH51 headset

# Step 5:
## Choose other accessories

### Additional accessories

### Hand straps accessories

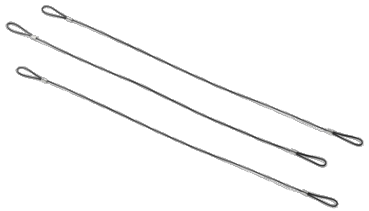
| | |
|---|---|
| **KT-97258-01R** | Plastic button that attaches the hand strap to the gun configurations. |

### Stylus Kits

| | |
|---|---|
| **KT-73440-01R** | Non-elastic tether kit- Pack of 3 |
| **11-43912-03R** | Tethered stylus for straight shooter and rotating head configurations- Pack of 3 |
| **11-43912-50R** | Tethered stylus for straight shooter and rotating head configurations- Pack of 50 |
| **KT-81680-03R** | Tethered stylus for gun configurations- Pack of 3 |
| **KT-81680-50R** | Tethered stylus for gun configurations- Pack of 50 |

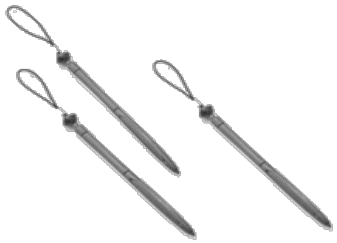
**KT-97258-01R**
Plastic button for gun hand strap

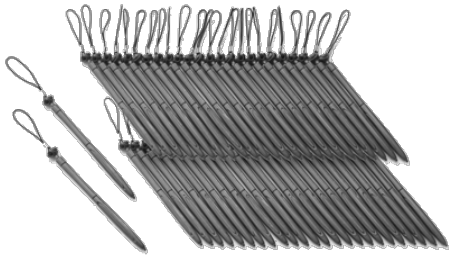
**KT-73440-01R**
Non-elastic tether kit



**11-43912-03R**
Replacement stylus for brick configurations

**KT-81680-03R**
Replacement stylus for gun configurations





**KT-81680-50R**
Replacement stylus with tether for gun configurations

# Step 5:
## Choose other accessories

### 3rd Party Accessories

### Ethernet Adapter

| | |
|---|---|
| **PSA1U1E** | USB to Ethernet adapter with no separate power supply requirement. |

**PSA1U1E**
Portsmith in-line Ethernet to USB Adapter

### Flash Memory Cards

| | |
|---|---|
| **AF1GUDI-MOT1-1P** | 1GB Industrial Grade SLC microSD flash memory card. AF1GUDI-MOT1-10P – Pack of 10 |
| **AF2GUDI-MOT1-1P** | 2GB Industrial Grade SLC microSD flash memory card. AF2GUDI-MOT1-10P – Pack of 10 |
| **AF4GUDI-MOT1-1P** | 4GB Industrial Grade SLC microSD flash memory card. AF4GUDI-MOT1-10P – Pack of 10 |
| **AF8GUDI-MOT1-1P** | 8GB Industrial Grade SLC microSD flash memory card. AF8GUDI-MOT1-10P – Pack of 10 |

**ATP Flash Memory Cards**
1GB, 2GB, 4GB and 8GB